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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/635,673	08/06/2003	Andrew S. McVey	1776-0030	1787

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Maginot, Moore & Beck LLP
Chase Tower, Suite 3250
111 Monument Circle
Indianapolis, IN 46204-5109

EXAMINER

EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
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2625

MAIL DATE	DELIVERY MODE
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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/635,673

Applicant(s)

MCVEY ET AL.

Examiner

Saeid Ebrahimi-dehKordy

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>8/6/03</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sugishima (U.S. patent 5,768,516) in view of Gotoh et al (Pub. No.: US 20020057455)

Regarding claim 1, 5 and 11 Sugishima discloses: A print job handling system (note Fig. 1) said system comprising: a network adapted to interconnect at least one computer (Fig. 1 items 10, 12 and 14) and peripheral devices (note Fig. 1, items 11, 13 and 15) a plurality of network printers coupled to said network (note Fig. 1 items 11, 13 and 15) and adapted to execute print jobs and at least one printer control panel coupled to at least one of said network printers (note Fig. 4, where the resource management information is described) and wherein said control panel comprises an input mechanism adapted to allow a network user to, via said control panel and upon an indication that a print job cannot be executed or executed satisfactory to the user (note Fig. 5, step s6) re-route a print job from the control panel's associated printer to an alternate network printer (note Fig. 5, steps s10, column 8, lines 37-65). However Sugishima does not clearly disclose: wherein said control panel comprises a control panel display adapted to display information about currently pending print jobs that have been sent to the control panel's associated network printer; along with an indication of the ability of the control panel's associated network printer to execute pending print jobs. On the other hand Gotoh et al disclose:

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wherein said control panel comprises a control panel display adapted to display information about currently pending print jobs that have been sent to the control panel's associated network printer (note Fig. 12, where the network printers are displayed on the left sides of the display and the job information and status are set on the upper right side and the completed jobs are displayed on the right lower side, note page 5, paragraph 0087) along with an indication of the ability of the control panel's associated network printer to execute pending print jobs (note again Figs. 12&14 where the display is shown the ability and capability of the printer and the time needed for each printer or print the specific print job, page, 5, paragraph 0087-0089, and page 7, paragraphs 0114-124 and 0128-130). Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Sugishima's invention according to the teaching of Gotoh et al, Where Gotoh et al in the same field of endeavor teach the way capability of the printers and the status of each network printer is displayed on the display unit, which would making the selection for the user more easier and would enhance the system usage.

Regarding claim 2 Sugishima discloses: The system of claim 1, wherein said alternate network printer supports the capabilities needed to execute the re-routed print job (note Fig. 5, step s3-s5, column 7, line 47 through column 8, line 10 and column 8, line 65 through column 9 line 14).

Regarding claim 3 Sugishima discloses: The system of claim 1, wherein said alternate network printer is the closest geographically of network printers that support the capabilities needed to execute the re-routed print job (note column 10, line 59 through column 11, line 7).

Regarding claim 4 Gotoh et al disclose: The system of claim 1, wherein an indication that a print job cannot be executed satisfactory to the network user comprises a time delay (note page 1, paragraph 0008).

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Regarding claim 6 Sugishima discloses: The system of claim 1, wherein said control panel is adapted to allow a network user to cause a print job re-route to an alternate network printer from a list of network printers displayed by said control panel display (note Fig.5, step s3-s5, column 7, line 47 through column 8, line 10 and column 8, line 65 through column 9 line 14).

Regarding claim 7 Sugishima discloses: The system of claim 1, wherein said control panel is adapted to allow a network user to cause a print job re-route from a plurality of pending print jobs displayed by said control panel display (note column 10, line 59 through column 11, line 7).

Regarding claim 8 Sugishima discloses: The system of claim 1, wherein said control panel display is adapted to display the location of the alternate network printer chosen for executing a re-routed print job (note column 10, line 59 through column 11, line 7).

Regarding claim 9 Sugishima discloses: The system of claim 1, wherein said control panel display is adapted to display differences in the capabilities of printer associated with said control panel and other network printers to be considered for re-routing a print job (note column 3, line 66 through column 4, line 37).

Regarding claim 10 Gotoh et al disclose: The system of claim 1, wherein said control panel is adapted to allow a network user to cancel a print job (note page 3, paragraph 0046).

Regarding claim 12 Sugishima discloses: The method of claim 11, wherein said alternate network printer supports the capabilities needed to execute the re-routed print job (note column 3, line 66 through column 4, line 37).

Regarding claim 13 Sugishima discloses: The method of claim 11, wherein said alternate network printer is the closest geographically of network printers that support the capabilities needed to execute the re-routed print job (note column 10, line 59 through column 11, line 7).

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Regarding claim 14 Gotoh et al disclose: The method of claim 11, wherein an indication that a print job cannot be executed satisfactory to the network user comprises a time delay (note page 1, paragraph 0008).

Regarding claim 15 Sugishima discloses: The method of claim 11, further comprising: upon input via said control panel by the network user, automatically re-routing a print job to a network printer determined to be appropriate (note column 3 line 66 through column 4, line 15).

Regarding claim 16 Sugishima discloses: The method of claim 11, further comprising; upon input via said control panel by the network user, re-routing a print job to an alternate network printer from a list of network printers displayed by said control panel (note Fig.5, step s3-s5, column 7, line 47 through column 8, line 10 and column 8, line 65 through column 9 line 14).

Regarding claim 17 Gotoh et al disclose: The method of claim 11, further comprising: upon input via said control panel by the network user, re-routing a print job to an alternate network printer from a plurality of pending print jobs displayed by said control panel (note Fig.12, where the network printers are displayed on the left sides of the display and the job information and status are set on the upper right side and the completed jobs are displayed on the right lower side, note page 5, paragraph 0087).

Regarding claim 18 Gotoh et al disclose: The method of claim 11, further comprising: via said control panel, displaying the location of the alternate network printer chosen for executing a re-routed print job (note page 7, paragraph 0128-0131).

Regarding claim 19 Gotoh et al disclose: The method of claim 11, further comprising: via said control panel, displaying differences in the capabilities of printer associated with said control panel and other network printers to be considered for re-routing a print job (note Fig.6, also note

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Fig.12, page 5, paragraph 0087).

Regarding claim 20 Gotoh et al disclose: The method of claim 11, further comprising: upon input via said control panel by the network user, canceling a print job (note page 3, paragraph 0046).

Contact Information

➤ Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (571) 272-7462.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (571) 272-7471.

Any response to this action should be mailed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

Or faxed to:

(571) 273-8300, (for *formal* communications; please mark
"EXPEDITED PROCEDURE")

Or:

(703) 306-5406 (for *informal* or *draft* communications, please label
"PROPOSED" or "DRAFT")

Hand delivered responses should be brought to Knox building on 501 Dulany Street, Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy

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Patent Examiner

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June 5, 2007

A handwritten signature in black ink, consisting of a series of loops and strokes, positioned below the printed text.